

ABSTRACT

There is provided a sintered oil retaining bearing that secures the stability of an oil film and achieves high running accuracy through management to exclude a variation in the size of surface openings in the bearing surface, particularly the presence of large holes, while making use of such advantages as the mass productivity, low noise and low cost features of sintered oil retaining bearings.

In a sintered oil retaining bearing 11 having a bearing body 19 that is composed of a porous body formed of a sintered metal, that is formed with a bearing surface 18 opposed to the outer peripheral surface of a rotary shaft 1 through a bearing clearance and that is impregnated with lubricating oil or lubricating grease, it is arranged that surface openings in said bearing surface 18 are substantially uniform in size and that when the area of a single such surface opening is converted into the area of a circle, the diameter of such circle does not exceed 0.05 mm.